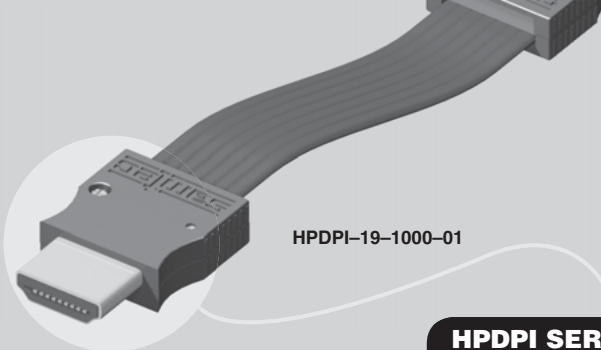




HPDPI-19-1000-01

## HPDPI SERIES

# INTERNAL HIGH SPEED SYSTEM

## FEATURES

- Internal
- Hot Plug/Hot Swap
- Very Low Skew
- Twinax

## SPECIFICATIONS

For complete specifications see [www.samtec.com?HPDPI](http://www.samtec.com?HPDPI)

### Cable:

30 AWG twinax

micro ribbon

### Signal Routing:

100Ω Differential

### Current Rating:

1.3 A per pin

(6 adjacent pins powered)

### Pinout Map:

See [www.samtec.com?HPDPI](http://www.samtec.com?HPDPI)

### RoHS Compliant:

Yes

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



FILE NO. E111594

Mates with:  
HDMR

Ideal for HDMI™ and  
high speed data  
transfer applications

19 Positions



30 AWG  
twinax cable

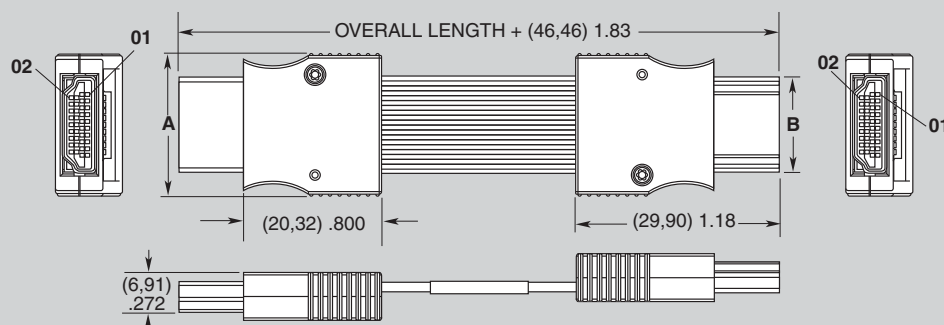
Tested to HDMI™  
Category 2 higher  
performance

| HPDPI           |                            |
|-----------------|----------------------------|
| Cable Length    | Rated @ 7dB Insertion Loss |
|                 | -DP                        |
| 1 meter (39.4") | 5.6 GHz / 11.2 Gbps        |

Performance data for other cable lengths and complete test data available at [www.samtec.com?HPDPI](http://www.samtec.com?HPDPI) or contact [sig@samtec.com](mailto:sig@samtec.com)

| TYPE                    | NO. OF POSITIONS                           | LENGTH                                                 | WIRE OPTION             |
|-------------------------|--------------------------------------------|--------------------------------------------------------|-------------------------|
| HPDPI<br>= Twinax Cable | -19<br>= 5 Pairs, 4 Power,<br>19 Positions | - "XXXX"<br>= Length in millimeters<br>(-0095 minimum) | -01<br>= Pin 1 to Pin 1 |

| NO. OF POSITIONS | A               | B               | NO. OF PAIRS |
|------------------|-----------------|-----------------|--------------|
| -19              | (20,83)<br>.820 | (13,89)<br>.547 | 05           |



**HDMI™**  
HIGH-DEFINITION MULTIMEDIA INTERFACE

HDMI™ is a trademark of  
HDMI Licensing LLC.

### Note:

Cable lengths longer than  
40.00" (1 meter) are not  
supported with S.I. test data.

### Note:

This Series is non-standard,  
non-returnable.